

BHURAT BENGALURU MAHANAGAR PALIKE**DASARAHALLI DIVISION**

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte
Ward No. 14

Measurement Sheet**First and Final**

Item No:	25							
Item Name:	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes (P.No.96, I.No. 13.86.3 of PWD SR 2018-19							
	CHAINAGE	NO's	L	B	D	QTY	REMARKS	
	Land Mark		(m)	(m)	(m)			
	CPVC 25mm dia Pipe	2-	20.00			40.00	A.E.F. TDSE	
Total Qty Work Done						40.00		Mtrs
Qty Payable in this bill						40.00		Mtrs

[Signature]
Assistant Engineer

Ward No -14

BBMP-Bengaluru

[Signature]
Asst. Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

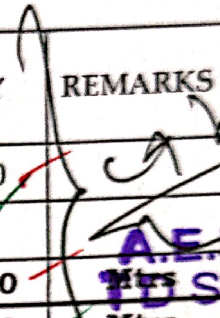
BHURAT BENGALURU MAHANAGAR PALIKE**DASARAHALLI DIVISION**

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte

Ward No. 14

Measurement Sheet

First and Final

Item No:	26						
Item Name:	Supplying heavy gauge PVC Conduit Pipe 19/20 mm dia 2 mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.						
	CHAINAGE	NO's	L	B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)		
	PVC Conduit Pipe	2	40.00			80.00	
Total Qty Work Done						80.00	
Qty Payable in this bill						80.00	

Assistant Engineer

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BHURAT BENGALURU MAHANAGAR PALIKE**DASARAHALLI DIVISION**

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte
Ward No. 14

Measurement Sheet**First and Final**

Item No:	27						
Item Name:	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A 1.5 sqmm						
	CHAINAGE	NO's	L	B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)		
	1) 1.50 Sq mm	2 ✓	70.00 ✓			140.00 ✓	
Total Qty Work Done						140.00 ✓	Mtrs
Qty Payable in this bill						140.00 ✓	Mtrs
Item No:	28						
	2) 2.5 Sq mm	2 ✓	50.00 ✓			100.00 ✓	
Total Qty Work Done						100.00 ✓	Mtrs
Qty Payable in this bill						100.00 ✓	Mtrs
Item No:	29						
	3) 4.0 Sq mm	2 ✓	20.00 ✓			40.00 ✓	
Total Qty Work Done						40.00 ✓	Mtrs
Qty Payable in this bill						40.00 ✓	Mtrs

20/10/22
Assistant Engineer

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Ward No. 14**Measurement Sheet****First and Final**

Item No:

30

Item Name:

Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch (Page No. 05, Item No.2.2 KPWD SR 2019-20)

CHAINAGE

NO's

L

B

D

QTY

REMARKS

Land Mark

(m)

(m)

(m)

Short Point up to 3.0 Mtr from tapping point
to out let via switch box

2

4.00

8.00

Total Qty Work Done**8.00****Qty Payable in this bill****8.00**

Asst.Executive Engineer
Dasarahalli Sub Division
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Assistant Engineer

Ward No -14

BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE**DASARAHALLI DIVISION**

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte
Ward No. 14

Measurement Sheet**First and Final**

Item No:	31						
Item Name:	Medium Point above 3.0 Mtr Up to 6 Mtr from tapping point to out let via switch box						
	CHAINAGE	NO's	L	B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)		
		1	4.00			4.00	
Total Qty Work Done						4.00	Points
Qty Payable in this bill						4.00	Points

20006
Assistant Engineer
Ward No -14
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21/10
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BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte
Ward No. 14

Measurement Sheet

First and Final

Item No:	32	First and Final					
Item Name:	Long Point Above 6.0 Mtr Up to 10 Mtr from tapping point to out let via switch box						
	CHAINAGE	NO's	L	B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)		
		2 ✓	1.00 ✓			2.00	A.E.E. T.D.S.D. Points
Total Qty Work Done						2.00	Points
Qty Payable in this bill						2.00	Points

200006
Assistant Engineer

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BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

me of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte
Ward No. 14

Measurement Sheet

First and Final

Item No:	33	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A 1.5 sqmm					
Item Name:							
	CHAINAGE	NO's	L	B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)		
	1-3 way	3 ✓	2.00 ✓			6.00 ✓	
Total Qty Work Done						6.00 ✓	No,s
Qty Payable in this bill						6.00 ✓	No,s
Item No:	34	16-18 way					
		2 ✓	2.00 ✓			4.00 ✓	
Total Qty Work Done						4.00 ✓	No,s
Qty Payable in this bill						4.00 ✓	No,s

200006 21/10/22
Assistant Engineer

Ward No -14

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Asst. Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

DASARAHALLI DIVISION

Ward No. 14

First and Final

Asst. Executive Engineer
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BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte

Ward No. 14

Measurement Sheet

First and Final

First and Final							
Item No:	37						
Item Name:	Supplying and fixing modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 6Amps one way switch P-9, I-3.5 Of electrical SR PWD 2019-20 6 Amps one way switch I 3.6.1						
	CHAINAGE	NO's	L	B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)		
	6 Amps one way switch I 3.6.1	2 ✓	2.00			4.00 ✓	
Total Qty Work Done						4.00 ✓	Each
Qty Payable in this bill						4.00 ✓	Each
Item No:	38						
	16 Amps 3 way socket I-3.6.3	2 ✓	2.00			4.00 ✓	
Total Qty Work Done						4.00 ✓	Each
Qty Payable in this bill						4.00 ✓	Each
Item No:	39						
	16 Amps one way switch only I-3.6.8	2 ✓	2.00			4.00 ✓	
Total Qty Work Done						4.00 ✓	Each
Qty Payable in this bill						4.00 ✓	Each
Item No:	40						
	6/16 Amps universel socket I-3.6.11	2 ✓	3.00			6.00 ✓	
Total Qty Work Done						6.00 ✓	Each
Qty Payable in this bill						6.00 ✓	Each
Item No:	41						
	1000-1200 watts Dimmer I-3.6.7	2 ✓	6.00			12.00 ✓	
Total Qty Work Done						12.00 ✓	Each
Qty Payable in this bill						12.00 ✓	Each

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Asst. Executive Engineer
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BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte
Ward No. 14

Measurement Sheet
First and Final

Item No:	42						
Item Name:	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and C Type curve indicator ON/OFF ,energy cross-3 with short circuit breaking capacity of 10 K and complete wiring as required conforming to IEC 60898 6-32 Amps DP (P-27,I-5.17 of electrical PWD SR 2019-20)						
	CHAINAGE	NO's	L	B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)		
		2~	2.00			4.00	<i>case</i> <i>21/10/22</i> A.E.E. TDSD
Total Qty Work Done						4.00	Each
Qty Payable in this bill						4.00	Each

208006 21/10/22
Assistant Engineer
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BHURAT BENGALURU MAHANAGAR PALIKE**DASARAHALLI DIVISION**

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte
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Measurement Sheet**First and Final**

Item No:	44						
Item Name:	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers, 16 Amps (p-24,I-5.7.1,Electrical PWD SR 2019-20)						
	CHAINAGE	NO's	L	B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)		
		2	1.00			2.00	
Total Qty Work Done						2.00	No,s
Qty Payable in this bill						2.00	No,s

20206
Assistant Engineer

Ward No -14

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Asst. Executive Engineer

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AE.E.
IDSD

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte
Ward No. 14

**Measurement Sheet
First and Final**

Item No:	45	Last and Final					
Item Name:	Supplying and fixing retrofit PL-LED lamp.....W LED Linear source with cct 6500 degree K ,CRI >70% Efficiency >80 lumen per watt life >25000 burning hours and complaiance to IS 10322 /IEC 60598 ,LM 79 &LM 80 .The LED are driven by HF electronic driver integrated in the system with PF >0.95,Power should < 5% of lamp waltage short circuit and open circuit protection to be integrated in the circuit THD less than 20 % life as per LM 79 The operating input voltage should be between 130 to 275 volts Tested by NABL/CPBI accredited laboratory with 2 years warranty against manufacturing defect working under standard electrical, 18-20 Watts (P-79, I-12.2,PWD Electrical SR 2019-20)						
	CHAINAGE	NO's	L	B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)		
		2	5.00			10.00	
Total Qty Work Done						10.00	No,s
Qty Payable in this bill						10.00	No,s

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BHURAT BENGALURU MAHANAGAR PALIKE**DASARAHALLI DIVISION**

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte
Ward No. 14

Measurement Sheet

First and Final

Item No: 46

Item Name: Fixing all types and all capacities of flourescent /false ceiling /spot lighting/CFL/LED fittings indoor on the wall/ceiling/rafters/girders/using 23/0.0076" twin twisted PVC insulated wires required no of round blocks and clamps on wall/ceiling/Rafter/Girders (P -79,I-14.7.1 PWD Electrical SR 2019-20)

CHAINAGE	NO's	L	B	D	QTY	REMARKS
Land Mark		(m)	(m)	(m)		
	2	5.00			10.00	

Total Qty Work Done

10.00

No,s

Qty Payable in this bill

10.00

No,s

Assistant Engineer

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Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte

Ward No. 14

Measurement Sheet

First and Final

Item No:

47

Item Name:

Providing and fixing of 50mm G.I pipe 'C' class heavy duty for erection of submersible pumpset galvanised tube 50mm supply ad delivary of cause heavy duty as per IS/239/1990 (P No.XLVII, SL.No 01) PWD SR 2018-19

CHAINAGE**Land Mark****NO's****L****(m)****B****(m)****D****(m)****QTY****REMARKS**

1

432.00

432.00

Total Qty Work Done**432.00****Mtrs****Qty Payable in this bill****432.00****Mtrs**

Assistant Engineer

Ward No -14

BBMP-Bengaluru

Asst. Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte

Ward No. 14

Measurement Sheet

First and Final

Item No:

48

Item Name:

Supplying and Drawing 3 core Flat PVC Shalted Submersible Pump Cable Manufactured with Electrolytic Grade Copper with Flexible copper conductor to table 3 class 5 of IS 8130-1984 and Virgen PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts BWSSB SR 2014-15, P- 535, I. 30Page no:12 sl no: 2.10.4

CHAINAGE

Land Mark

NO's

L

B

D

QTY

REMARKS

1

864.00

864.00

Total Qty Work Done

864.00

Mtrs

Qty Payable in this bill

864.00

Mtrs

Assistant Engineer

Ward No -14

BBMP-Bengaluru

Asst.Executive Engineer

Dasarahalli Sub Division

BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE
DASARAHALLI DIVISION

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte
 Ward No. 14

Measurement Sheet
 First and Final

Item No:

49

Item Name:

Supplying and delivery at site brand new star / Essen / Lotus / Sun shines / Adharsh / GK Controls best indigenous make combined energy meter cum control panel board unit of size 1200x600x350mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3ph, 50 hz, 380/440 volts, AC supply with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combined energy meter cum control panel board unit suitable for operation on 3ph, 50 hz, 380/440 volts AC supply shall be consists etc., complete the panel board shall be consist etc., complete the panel board shall be fabricated on single unit in the above componenets panel board for suitable pumpset with star delta staretr out door type 10hp to 15 hp PRED ISSUE RATE

CHAINAGE	NO's	L	B	D	QTY	REMARKS
Land Mark		(m)	(m)	(m)		
4th Cross MHR Layout	1 ✓	1.00 ✓			1.00 ✓	
Bhairaveshwara Circle 3rd Cross	1 ✓	1.00 ✓			1.00 ✓	
4th Cross Bhumika Layout	1 ✓	1.00 ✓			1.00 ✓	
SR Main Road MHR Layout	1 ✓	1.00 ✓			1.00 ✓	
178/1 MHR Layout	1 ✓	1.00 ✓			1.00 ✓	
Soundarya Layout Sidedahalli	1 ✓	1.00 ✓			1.00 ✓	
Navy Layout	1 ✓	1.00 ✓			1.00 ✓	
Near Shardha School	1 ✓	1.00 ✓			1.00 ✓	
1st Main 2nd Cross Soundarya Layout	1 ✓	1.00 ✓			1.00 ✓	
Sidedahalli Circle	1 ✓	1.00 ✓			1.00 ✓	
Total Qty Work Done					10.00 ✓	No,s
Qty Payable in this bill					10.00 ✓	No,s

Assistant Engineer

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BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte

Ward No. 14

Measurement Sheet

First and Final

Item No:

50

Item Name:

Fabricating Supplying and mounting MS Box of 16 SWG suitable for floor/ wall mounting fully weather proof with provision for better hear description, 9Providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamp with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 Sq cm (P.No.530, I.No.39, BWSSB SR 2013-14)

CHAINAGE	NO's	L	B	D	QTY	REMARKS
Land Mark		(m)	(m)	(m)		
	2	11000	100	10	220000.00	

Total Qty Work Done	220000.00	Summ
Qty Payable in this bill	220000.00	Summ

Assistant Engineer

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BHURAT BENGALURU MAHANAGAR PALIKE
DASARAHALLI DIVISION

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte
 Ward No. 14

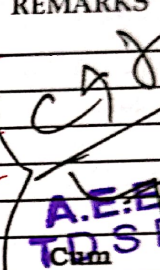
Measurement Sheet
 First and Final

Item No:

51

Item Name:

Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. Noll KBS 2.1.C/2.9.4/2.18/2.19 (Pg. No-06, I.No-2.4)PWD - SR 2018-19)

CHAINAGE		NO's	L	B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)		
		1 ~	15.00	0.60	0.75	6.75	
		1 ~	15.00	0.60	0.75	6.75	
		1 ~	15.00	0.60	0.75	6.75	
		1 ~	14.00	0.60	0.75	6.30	
Total Qty Work Done						26.55	Cum
Qty Payable in this bill						26.55	Cum

Assistant Engineer

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BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte

Ward No. 14

Measurement Sheet

First and Final

Item No:		52		First and Final				
Item Name:		KSRB 13.9: Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications. 63MM dia Specification No KBS 13.2.15.2 (Page no:96, I.No.13.73.2 PWD SR 2018-19).						
		CHAINAGE	NO's	L	B	D	QTY	REMARKS
		Land Mark		(m)	(m)	(m)		
			1	259.00			259.00	
Total Qty Work Done							259.00	Mtrs
Qty Payable in this bill							259.00	Mtrs

**A.E.B.
TDSD**

[Signature]
Assistant Engineer
Ward No -14
BBMP-Bengaluru
16/10/2022

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Asst. Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru
16/10/2022

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Maintanance and Repairs of Bore well in Sidedahalli Village of Bagalagunte
Ward No. 14

**Measurement Sheet
First and Final**

Item No:	53						
Item Name:	KSRB-2-4: Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m including cost of all labour complete as specifications.. allow 60% of rate considered under item KSRB 2.3 Page No. 7/ Item No. 2.11/PWD - SR 2018-19)						
	CHAINAGE	NO's	L	B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)		
	Qty Vide Item No 51					26.55	
Total Qty Work Done						26.55	Cum
Qty Payable in this bill						26.55	Cum

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